

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Hurricane Sandy - Polrep/Sitrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region II**

**Subject:**           **SITREP #11**  
                          **Operations Continue**  
                          **Hurricane Sandy**

**Edison, NJ**  
                          **Latitude: 40.4494047 Longitude: -74.4379073**

**To:**                 Michael Hoppe, USEPA Region 02, ERRD-RPB

**Thru:**             REOC Deputy Regional Incident Coordinators,  
                          Christopher Jimenez (NJ)  
                          Laura Casillas (NJ)  
                          Anne Kelly (NY)  
                          Neil Norrell (NY)

**From:**            REOC Situation Unit Leader,  
                          Keith Glenn (Day Operations)  
                          Christopher Gallo (Night Operations)

**Date:**             11/8/2012

**Reporting Period:** 0700 hrs 11/08/12 thru 1900 hrs 11/08/12

**Executive Summary**

**EXECUTIVE SUMMARY**

The New Jersey/New York area is recovering from the effects of Winter Storm Athena. Most operational areas were impacted with heavy snow and high winds. Conditions improved throughout the day as operations in NJ and NY continued.

Assessment crews in NJ conducted orphan container assessments in Ocean, Monmouth, and Union Counties. In particular, the Monmouth County OEM contacted EPA to assist with assessments of Oceanport, a community of over 1,200 residential properties devastated by Hurricane Sandy. Many properties were found to be impacted by oil and sewage. Most large containers were already removed, but oil staining at residential properties is extensive.

Also in NJ, personnel assisted the coordinated clean-up efforts at the Phillips 66 facility in Linden. An OSC will be permanently assigned to this operation to assist in the recovery of oil that spilled along waterways and impacted wildlife.

Field crews continued drinking water and wastewater assessments, along with preparations for dive operations at MCUS and tunnel flushing at PVSC.

In NY additional coordination between EPA, ACE, and NYC officials continued for addressing HHW staging areas in three (3) NYC locations. The NYC Department of Sanitation will transfer authority of managing the staging areas, segregating waste, and coordinating the recycling/disposal of materials. HHW staging areas have also been identified in Suffolk County, with two (2) locations prepared to commence the acceptance of hazardous waste in the next operational period. Reconnaissance for appropriate Nassau County HHW locations continued, as crews conducted assessments of various communities. EPA also met with officials in Rockaway Beach to determine any HHW collection needs.

ASPECT flight missions scheduled for the day did not occur due to adverse weather conditions. A final mission encompassing the north and south forks of Long Island is scheduled to be performed in the next operational period.

The Regional Headquarters Office in NYC is scheduled to open in the next operational period. The Edison Facility/REOC is now fully operational with grid power and a release of the boil water alert.

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> Stafford Act	<b>Response Type:</b> Emergency
<b>Response Lead:</b> FEMA	<b>Incident Category:</b> Removal Action

<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	10/29/2012	<b>Start Date:</b>	10/29/2012
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	

### 1.1.1 Incident Category

Hurricane Disaster Response

### 1.1.2 Site Description

#### 1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Westchester, and Suffolk.

#### 1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments continue at EPA Sites as waters recede, power is restored, and managers are able to access their sites and regulated facilities.

## 1.2 Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

## 1.3 Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. The majority of needs from drinking water and wastewater facilities are the supply of fuel to maintain and operating status. Although a function of Emergency Support Function #3, EPA was been requested to assist in support these needs. Liaison Officers in the State EOCs and the FEMA RRCC continue to coordinate with other ESF partners on addressing these needs.

## 1.4 Strategic Considerations

Strategic Considerations are utilized by Operations during tactical decision making situations. These considerations change with the needs presented and are developed on a case-by-case basis.

## 2. Current Activities

## 2.1 Operations Section

### CURRENT ACTIVITIES

#### DIVISION NEW JERSEY

Ten counties have been declared eligible for Public Assistance in New Jersey: Bergen, Essex, Hudson, Union, Somerset, Middlesex, Monmouth, Ocean, Atlantic, and Cape May. Late in the operational period, FEMA declared the remaining New Jersey counties eligible for Public Assistance. Operations were currently focused in the originally declared ten counties. EPA is developing plans on addressing additional concerns that may come from these additional counties.

#### NEW JERSEY RESPONSE ACTIONS

EPA continues to develop a list of notifications received through the National Response Center (NRC), Regional hotline, and Ombudsman hotline.

Field operations were focused on providing continued support by the Waste Water Assessment Teams to two large waste water treatment facilities in Essex and Middlesex Counties; initial waste water assessments by other Waste Water Assessment Teams of facilities in Monmouth and Atlantic Counties; Hazmat Assessments in Monmouth and Ocean Counties; and Hazmat Mitigation activity in Ocean County.

#### Hazmat Assessments (NJ)

Hazmat Assessment Teams field operations occurred in the below counties.

##### Monmouth County

A Hazmat Assessment Team was deployed on 8 November, 2012 to Oceanport, NJ at the request of the Oceanport OEM to assess a report of a petroleum spill. The Hazmat Assessment Team met with the Oceanport OEM representative who surveyed the location of the oil spill with the Hazmat Assessment Team. The Hazmat Assessment Team determined that the origin of the petroleum release was a residential 275-gallon home heating oil above ground storage tank (AST) located at the exterior of a home on Pocano Avenue in Oceanport. During the storm, floodwaters displaced the AST which resulted in the discharge of the tank contents. Once the flood waters receded, it was observed that the oil had been deposited over portions of the subject property located and two adjacent properties. One of the adjacent properties is a residence; the other is a park (Sommers Boy Scout Park).

The Oceanport OEM representative stated he had an additional concern regarding a sewage release. The OEM representative stated he was concerned that the release may have impacted residences in the Oceanport area. The Hazmat Assessment Team referred the Oceanport OEM to George Zachos for more information regarding this issue. It should be noted that upon returning to the REOC, it was determined that this second incident was responded to by an Assessment Team on November 3, 2012 in response to NJDEP Incident #446320.

The Hazmat Assessment Team recommends the EPA coordinate with the NJDEP regarding remediation of the oil release on Pocano Avenue.

The Oceanport OEM representative also escorted the Hazmat Assessment Team to the collection area where the township was stockpiling and separating storm debris. The location of the stockpile area is Blackberry Park. The OEM representative also informed the Hazmat Assessment Team that approximately 1,200 houses were damaged from Hurricane Sandy, some of which have been declared condemned by officials. He stated he expects many more to be condemned.

##### Ocean County

A Hazmat Assessment Team was deployed on 8 November, 2012 to Toms River, NJ at the request the NJDEP to conduct a town wide assessment of potential storm related impacts. The Hazmat Assessment Team conducted an initial orphan container assessment as part of their activities. The Hazmat Assessment Team identified four orphan containers. Two of the four containers appeared to be home heating oil ASTs which were displaced by floodwaters. The third container identified was a 5,000-gallon diesel AST which was displaced by storm waters. The fourth container was a partially buried tank of unknown size and contents. The team also observed the remediation of a homeowner heating oil tank release. This remediation was reportedly performed by the homeowner's insurance company. The team also met with a representative of the Ocean County Health Department during their assessment activities.

##### Union County

An OSC deployed to the Bayway Refinery area to coordinate the RP recovery efforts of oil spilled in waterways. Due to the size of the spill and amount of RP contractors working, the USCG has requested that EPA maintain a presence and assist with oversight of the response. An OSC will be permanently detailed to the facility until response and recovery efforts are at a satisfactory status.

#### Hazard Mitigation

##### Ocean County

A Hazard Mitigation Team was deployed to Toms River for the assessment and removal of orphan containers. During this operational period, the mitigation team identified and removed one 55-gallon gasoline drum. The drum had been deposited on a residential property by floodwaters from an unknown source. The drum was placed in an over pack container and removed from the

site. The Hazard Mitigation Team also observed and attempted retrieval of a partially submerged 275 tank; however the proper equipment was not available to complete the removal activities. The team will be required to redeploy with additional equipment. The Hazard Mitigation Team identified a third issue which was a 1,000 -gallon diesel tank. This tank was empty and not removed.

#### Union County

A Hazard Mitigation Team was deployed to the Linden Sewage Authority to assess and develop a mitigation plan for orphan containers identified by a Hazard Assessment Team on 7 November, 2012. The mitigation team identified several orphan containers for removal which ranged from small containers to a large (greater than 10,000-gallon) poly tank. The Hazard Mitigation Team noted that several orphan containers were deposited by flood waters atop pipelines at the site. Based on this condition, the mitigation team is currently considering removal of these containers via special operations.

#### Ocean Water Survey

The Clean Waters EPA ocean survey vessel completed their ocean water assessment during over previous operational periods. No further ocean water assessment is currently planned.

#### Summary Table

Below is a summary table for NJ Incident Reports as reported by the National Response Center and calls received in the REOC. This information is current as of 1400 hours on 11/08/2012. The table includes the materials involved.

<b>New Jersey Incidents</b>			
Number of Notifications to EPA			
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	8	131	139
Other	0	6	6
Haz	0	3	3
Operational Period Total	8	140	148

#### **DIVISION NEW YORK**

Nine counties have been declared eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk and Westchester.

EPA activities included visiting OEM locations and assessments of wastewater facilities in Westchester County. Assessment Teams continue to find HHW staging locations in Staten Island, Manhattan, Suffolk County and Nassau County. Dewatering activities also continued in NYC.

#### **NEW YORK RESPONSE ACTIONS**

##### New York City

EPA resumed assessment operations along the Western side of Hyman Blvd and identified minimal amounts of HHW containers. No oil issues were observed. EPA and USCG coordinated to address the Lansing Street oil spill release and removal. Lansing Street was impacted with oil from an unknown source, but potentially from a home heating oil tank. Upon the initial finding, the Fire Department put a boom around the property and put the oil material into drums. USCG and EPA have been working to secure the oil spill. Operations for the next operational period will initiate with the USCG to remove an approximate 25 foot by 25 foot area of impacted soil.

EPA has visited the Father Capadonno Collection Facility to check on operations and initiate actions to establish effective HHW of e-waste, white goods and waste management material.

EPA is also scheduled to visit the Staten Island EOC to coordinate any removal or assessment EPA/USCG needs in Staten Island.

EPA assessed Fresh Kills Landfill and Rockaway Beach Collection Site with the New York Sanitation Division Officer of the Rockaway Site to determine segregation and staging areas at the facilities. EPA and ERRs will be mobilizing equipment, trailers and supplies to both sites tomorrow morning.

##### Suffolk County

Hazardous Assessment Team visited the town of Babylon and attended a town meeting with the Chief Environmental Analyst regarding HHW collection. Team observed a pad at Venetian Shores Park in Babylon, where EPA will begin staging HHW in the next operational period.

A second team was deployed to Islip to East Hampton, NY where they noted some sporadic pockets of HHW. A third team was scheduled to deploy to Riverhead and Shelter Island, but operations were cancelled to due to logistical issues.

##### Nassau County

EPA visited the following towns in Nassau County Merrick, Bellmore, Wantagh, Ocean Side, Baldwin Harbor, and Freeport and assessed potential HHW collection and staging areas. EPA met with the Nassau County contractor that handles C&D debris. They

established locations for the recovery of HHW to be co-located with C&D debris and operations for sorting the material.

EPA also followed up on an NRC report in Baldwin, where they met with the resident and conducted a visual inspection of the property and the surrounding exterior yards of the abutting homes. A strong odor of sewage was evident in the resident's home.

Remnants of the sewage were visible inside her home, in the street and the yards of the abutting residences. Most homes in the area had HHW, white goods, and C&D staged in the front of their yards. While there, a Baldwin Fire Department representative and two FEMA personnel arrived. The Fire Department representative stated that several above ground heating oil tanks got tipped over and spilled oil onto the yards. He also stated that the content was removed by the owners.

A second Hazardous Assessment Team inspected Freeport and areas west of Meadowbrook State Parkway, south of Merrick road and east of Milburn Avenue. Most of the neighborhoods have been cleaned. Sanitation trucks have been busy doing collections from the southeast portion of Freeport. No HHW items were found to be intermingled with the debris piles. Areas are still snow covered and without power. Some dumpers were noted with debris at the curbside.

#### **Dewatering Activities**

The NYC Dewatering Branch continued to provide technical assistance to ACE and NYC officials. Priority lists of places to pump out are developed, maintained, and altered by City officials. As of this time all priorities are complete. The only locations where pumping operations are continuing are the Path Train Tunnel, the Montague Tunnel and the Metropolitan Avenue Tunnel.

Below is a summary table for NY Incident Reports as reported by the National Response Center and calls received in the REOC. This information is current as of 1400 hours on 11/08/2012. The table includes the materials involved.

<b>New York Incidents</b>			
Number of Notifications to EPA			
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	3	101	104
Other	0	11	11
Haz	0	0	0
Operational Period Total	3	112	115

#### **Night Operations**

EPA went through all past "yellow" call entry NRC reports and put into pending status. Three new calls came in from NRC during this operational period. Typical Sandy small transformers discharge calls (Two JCP&L and one PSE&G). No response needed. Situation Report was sent out at 22:50.

#### **Regulated Facilities Update**

A spreadsheet has been developed to track the status of facilities possibly impacted by Hurricane Sandy. This information includes facility contact person information, latitude and longitude, and description of release circumstances and cleanup efforts, and whether any EPA assistance is requested. The marker for EPA assistance is whether a regulated substance has been released into navigable waters and/or the environment.

The following table summarizes phone calls and emails in targeted impacted areas of New Jersey

<b><u>Regulatory Program</u></b>	<b><u>Number of Facilities Contacted</u></b>	<b><u>Number of Facilities Reached</u></b>	<b><u>Report of Facility Releases</u></b>
<b><u>FRP</u></b>	<b><u>67</u></b>	<b><u>63</u></b>	<b><u>4</u></b>
<b><u>RMP</u></b>	<b><u>30</u></b>	<b><u>28</u></b>	<b><u>0</u></b>
<b><u>SPCC, Marinas, &amp; Other</u></b>	<b><u>160</u></b>	<b><u>60</u></b>	<b><u>1</u></b>
<b><u>Oil</u></b>			
<b><u>Total</u></b>	<b><u>257</u></b>	<b><u>151</u></b>	<b><u>4</u></b>

The four FRP facilities that reported releases are the

Kinder Morgan Carteret Terminal, Phillips 66 Bayway, EH Werner, and the Motiva Sewaren facility. These sites are actively addressed with NJDEP and USCG. An OSC has visited Phillips 66 Bayway and Motiva Sewaren to monitor cleanup efforts and provide assistance. The Raritan River Yacht Club (marina) cannot account for a missing 200 gallon No. 2 fuel oil tank.

In addition to an email distribution by the New York Marine Trades Association and Marine Trades Association of New Jersey to over 425 members, the Region is actively involved in contacting and reaching potentially impacted marinas via telephone and emails.

Damage assessment results have been received, via email, by most registered RMP and FRP facilities in New Jersey and New York. The Region is evaluating all damage assessment responses in order to determine appropriate follow-up.

Compliance assistance concerns are being actively addressed for RMP, FRP, SPCC, Marinas, and Other Oil facilities.

#### **SUPERFUND SITE ASSESSMENTS**

Requests for assessments at EPA Superfund Sites were requested by State and County representative to determine any potential threats caused as a result of hurricane Sandy. Some facilities were noted to have structural damage as a result of Hurricane Sandy. However, it is the potential impact to public health to residents in the community that is the greatest concern, and additional

actions are being taken to mitigate and prevent any release or threats.

<b>Superfund Site Assessments</b>				
-	<b><u>Within Declared Counties</u></b>	<b><u>Assessed</u></b>	<b><u>Pending</u></b>	<b><u>Posing Potential Threat</u></b>
<b><u>Remedial Sites</u></b>				
<b><u>New Jersey</u></b>	<b><u>152</u></b>	<b><u>35</u></b>	<b><u>115</u></b>	<b><u>1*</u></b>
<b><u>New York</u></b>	<b><u>40</u></b>	<b><u>10</u></b>	<b><u>28</u></b>	<b><u>2</u></b>
<b><u>Removal Sites</u></b>				
<b><u>New Jersey</u></b>	<b><u>83</u></b>	<b><u>83</u></b>	<b><u>0</u></b>	<b><u>1</u></b>
<b><u>New York</u></b>	<b><u>22</u></b>	<b><u>22</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

\*As detailed in the last SITREP, Quanta Resources was removed from the list of sites posing a potential threat. Following an assessment of the site by the RPM, it was determined that any potential threats were remediated.

#### Gowanus Canal (NY)

No work was conducted at this facility during the operational period.

#### Newtown Creek (NY)

EPA and RST are finalizing the staging of recovered orphan containers. Containers are currently housing the containers at the EPA remedial warehouse where they are being prepared for sampling and T&D coordination. The crew demobilized early due to the storm.

#### Raritan Bay Slag (NJ)

Stabilization activities continued at the Raritan Bay Slag Site. OSCs and RPMs are currently waiting for analytical data to be processed prior to making further site decisions. It is anticipated that additional fencing will be placed in critical areas.

#### Zurburgg Hospital (NJ)

Stabilization activities regarding a pile of asbestos containing material should be completed by 9 November 2012. Temporary measures are currently in place to maintain covering of contaminated piles.

#### **FUSRAP Sites**

Below is a list of FUSRAP sites assessed by phone for potential impact from Hurricane Sandy:

Maywood Chemical Superfund Site, NJ

Wayne Interim Storage Site, Wayne, NJ

Middlesex Sampling Plan, Middlesex, NJ

Sylvania Corning Plant, Hicksville, NY

Dupont Chambers Works, Deepwater, NJ

Staten Island Warehouse Site, NY

Three of the sites - Maywood Chemical, Wayne Interim Storage Site, and Middlesex Sampling Plan - are also NPL or Federal Facilities sites and assessment related to potential impacts by Hurricane Sandy is being addressed by the RPMs. Wayne Interim Storage Site was deleted from the NPL on September 2012.

Today, EPA CASD contacted the Project Managers at the U.S. Corp of Engineer (USACE) for the Sylvania Corning Plant, Jim Moore, and for the Dupont Chambers Work Site, Mike Hart. In the case of the Sylvania Corning Plant, the project manager advised that the USACE has contractors doing sampling on the site. USACE completed a Preliminary Assessment and is continuing a Remedial Investigation. He indicated that the hurricane had no effect on the site. For the Dupont Chambers Works site, the project manager indicated that while remediation planning was still in the early stages and he had not been on the site recently, the suspected contamination is underground and beneath a layer of asphalt. He indicated that weather was not very significant in the area and no effects from the storm should have occurred.

With respect to the Staten Island Warehouse site, Allen Roos, confirmed that the USACE had visited the site yesterday and would be providing a report early next week. This site is not officially a FUSRAP site, as it is undergoing initial assessment.

EPA also inquired about other sites not officially under FUSRAP that could be a concern. Information provided by the USACOE pointed to one site, Middlesex Landfill. This site is a municipal disposal site, which has shown evidence of containing materials from the Middlesex Sampling Plant site. The contamination is underground and not likely to have been affected by the storm.

#### **RCRA Corrective Action Sites**

##### **Dupont Pompton Lakes, NJ**

CASD performed site visit on November 8, around 2:30 p.m. Confirmed that pump and treat system was operational via large mobile generator; rest of site still has no power and administrative offices are on separate smaller generators. On-site power is expected tomorrow. Low volumes of water remain in on-site stormwater retention ponds, Acid Brook flowing within streambed but aeration system where Brook exits site not operating. All monitoring wells observed appeared undamaged. Off-site, performed visual observation of Acid Brook, Acid Brook Delta and Ramapo River/Pompton Lake channel; no issues observed and delta uplands area appeared normal (i.e., no significant floodwater observed). Regarding the residential vapor mitigation systems installed by DuPont contractor, no problems were reported to DuPont after power was returned with the exception of one system fan motor that was blown out upon power return. Performed outside visual inspection of selected homes with VMS and observed no visible damage to outside covers, leaders, etc. Met briefly with Borough Administrator Kevin Boyle and Building Department representative and neither was aware of any issues reported.

##### **Navy/Grumman Bethpage, NY**

EPA CASD visited the site on November 8. EPA was accompanied by Ed Hannon from Grumman and their consultant Arcadis. EPA inspected the Pump and Treat Systems performing on-site groundwater containment for OU 3 and OU 2, each pumping 2,300 GPM and 210 GPM, respectively. EPA also inspected the accompanying Soil Vapor Extraction Systems. With the exception of the SVE System discharge pipe for OU 3, which had received a slight crimp due to wind damage during the storm and was under repair, all equipment was operational and under power. A stand-by generator was located at the OU 2 for contingency purposes.

#### **Other Corrective Action Sites**

EPA continues to contact all 106 priority RCRA corrective action facilities in New Jersey broken out by categories 1A, 1B, and 2. EPA has confirmed that NJDEP has contacted more than half of these facilities and will identify to EPA those facilities that were contacted, and will help confirm up-to-date contact information. Also, EPA continues to contact all 37 priority RCRA corrective action facilities in NYS declared counties. EPA has confirmed that NYSDep has contacted about twenty percent of these facilities and will identify to EPA those facilities that were contacted, and will help confirm up-to-date contact information.

The table below presents a cumulative summary of the number of priority RCRA Corrective Action facilities in the affected areas contacted by EPA. Information about the location of these priority RCRA corrective action facilities have been entered as a data layer with status updates into FlexViewer.

<b>State/County</b>	<b>Facilities</b>	<b>Facility Status</b>	<b>Issues Reported</b>
		<b>Confirmed by EPA*</b>	<b>by Facility**</b>
New Jersey (1A) – Middlesex, Monmouth, Union, Passaic, Somerset, Hudson, Bergen, and Essex Counties	55	24	5
New Jersey (1B) – storm surge areas in Salem, Burlington, Gloucester, and Camden Counties	17	11	0
New Jersey (2) – other facilities	34	9	0
New York - All NYC, Nassau, Suffolk, Westchester, and Rockland Counties	37	15	2

\* **Facility Status Confirmed by EPA**

\*\* **Issues Reported by Facility**

##### **Exxon Bayway-Phillips 66/Linden, NJ**

Facility has identified two discharges: 1) a 30-barrel release of #6 fuel from Tank 310 which was confined to within the berm, and 2) a 155-barrel release of "slop oil" from the East Retention Basin (much larger than originally reported). Information about these releases was provided to the REOC and a visit has been coordinated to be addressed under state and federal emergency response.

##### **Safety Kleen/Linden, NJ**

Pump and treat system shut down in advance of the storm; power restored but system not yet back online.

##### **Clean Earth of North Jersey/South Kearney, NJ**

The site was undergoing a CERCLA removal action prior to the storm. Any issues are being addressed under CERCLA removal program.

#### **Wyeth-Pfizer/Bridgewater, NJ (aka American Cyanamid)**

Any issues are being addressed under CERCLA remedial program.

#### **ExxonMobil-Kinder Morgan Terminals/Staten Island, NY**

Facility experienced significant flooding but has reported no releases of petroleum product and groundwater pump/treat system is operational. The RCRA project manager is scheduled to visit the facility on November 9.

#### **General Instruments/Hicksville, NY**

The soil vapor extraction system was shut down prior to the storm to allow for soil sampling, but system not yet back online. EPA will follow up with the facility and scheduled a site visit.

#### **Status of Air Monitoring Network Stations**

Attached is an updated excel table summarizing the status of State air monitoring stations in New York and New Jersey. Please note that for sites where the table indicates specific dates when power was lost, power has now been restored and the sites are operating normally.

#### **PCB Facility Assessments:**

Permitted PCB Storage and Treatment Facilities		
Universe	Reached	Release
1 disposal facility	ChemWaste Mgmt., Model City, NY	No
1 storage facility	G&S, Kearney, NJ	No
Reported Transformer Releases*		
Universe	Confirmed PCB Release	No information regarding presence of PCBs
646	1	645
	NYS Electric and Gas -5 gals of oil containing PCBs from a pole transformer. Company is addressing.	
*Due to ongoing emergency response operations at the utilities, they will not be contacted until power restoration is complete.		

#### **Pesticide Handler Assessments:**

DECA is compiling a list of pesticide producing establishments and storage facilities in order to develop inspection targets and conduct telephone assessments in coordination with the states. Inspections focused on the flood zone are planned to begin next week. Field operations teams have not identified any pesticides issues to date and no releases of pesticides have been reported to state spill hotlines.

#### **RCRA Generator Assessments:**

DECA is compiling hazardous waste large quantity generator (LQG) universe data to map inspection targets and conduct telephone assessments in coordination with NJDEP and NYSDEC. Coordinated inspection of all (approximately 100) NY facilities, and inspection/phone assessment of all (approximately 500) NJ facilities, with NJ inspections focused on the flood zone, to commence tomorrow. NJDEP has already begun inspecting LQGs and reports no issues identified so far. NYSDEC expects to get back to us tomorrow on the status of its inspections to date.

#### **UST Assessments:**

**Issues Summary** – Concern regarding disposal of water contaminated fuel, destroyed or malfunctioning equipment, and ensuring system checks of impacted USTs prior to their receiving or dispensing fuels.

1200 hrs Daily: UST conference call 866-299-3188, code 212-637-4232#

**NJ USTs**



**Summary** – No news today. We are following up on reported inspections to obtain more specific info on DEPs assessments.

#### NY USTs

**Summary** – We conferenced with NYSDEC and Suffolk County Department of Health Services. Ongoing coordination of UST assessment response activity: EPA inspectors and contractors will focus on the 110 federally regulated bulk storage facilities in Zone A. Today two EPA UST inspector teams assessed six >50,000 gallon petroleum bulk storage capacity facilities in Staten Island (3 facilities) and Lower Manhattan (3 facilities). USTs were mostly for backup generators. Building dewatering was observed in 2 facilities and USTs could not be accessed due to flooding. Oak Wood Beach STP on Staten Island gasoline USTs not operational due to dispenser malfunction. 55 Water Street and Verizon Wireless backup generator tanks flooded and released product – spills reported and DEC responded. De-watering is ongoing at both buildings. No other impacts observed. Phone calls to assess Zone A facility's status are being made.

**Nassau County** – DEC reports that UST facilities appear hard hit with many releases reported. County is delegated the program and DEC does not have a comprehensive list of bulk storage facilities but will continue to try to obtain these lists. DEC provided list of the 610 fueling stations in the County that we will work from to perform assessments. Continued attempts to contact NC Fire Commission who is delegated authority for USTs – DEC has not been able to contact. Will work with ERT to establish contacts through the OSCs.

**Suffolk County** – No new information, there are no significant impacts to USTs.

## 2.2 Planning Section

### PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The management of data has proven to be a highly beneficial in supplying information to responders, addressing media concerns, monitoring the status of resources, and providing the Common Operating Picture. FlexViewer is continuously updated based on the needs of program offices, responders, and managers.

The Environmental Unit is ramping up in anticipation of future sampling needs that may occur due to the ramping up of HHW and orphan container collection. All data will be sent through the Environmental Unit for qualification prior to dissemination. Quality Assurance Project Plans (QAPP) have been developed for drinking water, wastewater, and surface sampling events.

## 2.3 Logistics Section

### Logistics

Logistics continues working on securing vehicles for responders and obtaining fuel for vehicles. Logistics has also been working on obtaining hotel rooms for personnel that will be coming from other Regions to assist in response and recovery efforts. Hotels in Long Island and throughout New Jersey have become scarce due to the amount of displaced people. PPE requests are also being processed. All logistical needs are being handled through the REOC at this time. The REOC is no longer operating under generator power and restoration of utilities has occurred.

## 2.4 Finance Section

### FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 11/8/2012 @ 1330 hours:

Region, State	Agreement #	Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01 Expires 12/10/12	10/30/2012	\$300,000.00	\$239,778.50	\$26,642.06	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02 Expires 12/01/12	11/1/2012	\$300,000.00	\$139,770.14	\$19,967.16	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03 Expires 11/30/12	11/2/2012	\$1,000,000.00	\$31,784.18	\$5,297.36	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04 Expires 03/02/12	11/2/2012	\$3,500,000.00	\$43,227.00	\$7,204.50	Direct Federal Assistance for oil/hazmat

						field ops
Region 2 New York	4085DR-NY-EPA-02 Expires 11/10/12	10/30/2012	\$400,000.00	\$298,444.10	\$33,160.46	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01 Expires 12/01/12	11/1/2012	\$300,000.00	\$15,114.00	\$2,159.14	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-04 Verbal	Verbal	\$500,000.00	\$182,426.41	\$30,404.40	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03 Verbal	Verbal	\$1,500,000.00	\$86,292.46	\$14,382.08	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	MA# Unknown/Verbal MA Pending	NA	\$75,000.00	\$6,480.00	\$1,080.00	Dewatering Ops
			\$7,880,000.00	\$1,043,316.79	\$86,943.07	

Reconfirmation of MA Funding Obligations Necessary (Ceiling increase or separate funding streams)

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

A Safety Officer staffing plan for the next 3 rotations, to the end of December was prepared and submitted to Resources. The Deputy SO coordinated with the OSHA rep at the NJ JFO for advance notification of any OSHA visits to EPA field work sites to better coordinate field safety activities. OSHA and FEMA will be starting weekly agency safety meetings at the JFO which the SO will attend. Job Hazard Analysis were prepared for field work activities for HHW collection and orphan containers. Field safety visits to HHW collection pads are being coordinated with Operations. Safety will visit the MCUA on Friday to support the dive operation.

### 2.5.2 Liaison Officer

Steve Touw is serving as Liaison Officer and is located in the FEMA RRCC in Colts Neck, NJ.

No significant regional impacts appear to have occurred as a result of Winter Storm Athena.

The ESF-10 rep continues to coordinate resource requests, issues, and rumor control with other ESF's, our reps in the state EOC's and the REOC. Issues addressed include the need for consistent FEMA representation at daily meetings at PVSC; the scheduled resumption of dive operations at the Middlesex County Utility Authority; fuel waiver issues for GSA; and various information and coordination requests from other agencies and entities.

The NJ JFO at 307 Middletown Lincroft Road, in Middletown, NJ underwent a soft opening on 11/8, and the ESF's have been told that they may be able to report to the JFO as soon as 1200 on 11/9.

The EPA representative located in the NYSEMO office in Albany, NY continues to work on obtaining signatures for Mission Assignments and coordinating efforts through the other Emergency Support Functions.

### 2.5.3 Information Officer

The PIO is Pat Seppi and can be reached at 646.369.0068. Press inquiries today consisted of the Staten Island Advance who were asking about air quality in homes and businesses. The Asbury Park Press and Law 360 had an inquiry about the NJ waiver regarding the wetlands. The Sierra Club has asked EPA to step in and address NJDEP's waiver about important environmental protections after the hurricane. The Huffington Post inquired about the work at Red Hook. Newsday had questions about a WW Treatment plant in East Rockaway called Bay Bark and an ongoing release. PAD responded to inquiries from Sen. Lautenberg's office about the PVSC situation and a call from Dan Wiley, a community representative, about EPA's recon in Red Hook tomorrow. CICs will be deployed to Suffolk County on Monday to provide outreach to residents, businesses and other agencies. PAD received approval from HQ for additional fact sheets such as one dealing with contact numbers, and hurricane cleanup relating to oil. PAD also responded to HQ requests for information.

### 3. Participating Entities

#### 3.1 Unified Command

Unified Command has been established in Staten Island with the United States Coast Guard Sector New York. Mission Assignments have been issued to USCG for assessment and mitigation along the shores of Staten Island. USCG is focused on conducting shoreline assessments and has requested EPA contractor support to assist in these investigations. EPA has a seat with the UC and is coordinating activities associated with very specific Mission Assignments. EPA is also coordinating efforts to have interior areas that may have also been impacted as a result of storm surge and high winds.

EPA has participated in coordination calls with Sector Delaware Bay. Although UC has not been established for this Sector, one may be forthcoming.

#### 3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

### 4. Personnel On Site

Numbers associated with personnel working on Hurricane Sandy efforts can be found in the following table:

Region/State	Current  EPA Personnel In Field (All Venues other than EPA Offices)	Current  EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
<b>Region 2</b>			49	39	88
<b>New York</b>	21	13			34
<b>New Jersey</b>	13	20			33
<b>Total</b>	34	33	49	39	155

Number of EPA Personnel Deployed to Region 2 - Hurricane Sandy

	OSCs	RM	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
<b>Region 1</b>	4	0	0	0	0	0	1	0	0	5
<b>Region 3</b>	6	0	0	0	0	0	0	0	0	6
<b>Region 4</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 5</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 6</b>	0	0	0	0	0	0	0	1	0	1
<b>Region 7</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 8</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 9</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 10</b>										
<b>HQ</b>	0	0	0	0	0	0	0	0	0	0
<b>Special Teams</b>										
<b>Total by job title</b>	10	0	0	0	0	0	1	1	0	12

### 5. Definition of Terms

#### Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

## **6. Additional sources of information**

### **Region 2 Input to EOC Water Desk - November 8, 2012 – 6:00 p.m. New Jersey**

#### **Drinking Water Assessments**

Water Assessment Teams conducted operations at the below facilities. During this operational period the Water Assessment Teams conducted field and telephonic surveys of facilities to assess their operational status.

#### **Merchants Way Shopping Center, Colts Neck – Monmouth County**

A Water Assessment Team was deployed to the Merchants Way Shopping Center in Colts Neck, NJ to conduct an assessment of the operational status of the facilities drinking water system. The facility consists of a small strip mall with five individual businesses. The assessment team was provided contact information for the owner - who they contacted via telephone to complete the assessment. The owner stated that electric service was recently restored to the strip mall and that there is one on-site ground water supply well that services the center. The owner reported no significant damage to the facility or the well (which was out of service until electric was restored). There is no treatment system associated with this well. No EPA assistance is required at this time.

#### **Moon Hotel, Howell - Monmouth County**

The water assessment team conducted a telephone interview of the facility's operation and status on 8 November, 2012. The facility is a 36 room hotel and is currently closed due to lack of power. No EPA assistance is required at this time.

#### **Wastewater Treatment Plants Assessments**

#### **Asbury Park Sewage Treatment Plant – (Asbury Park, Monmouth County, NJ)**

A Waste Water Assessment Team was deployed to the Asbury Park Sewage Treat Plant to conduct an assessment of the operational status of the treatment system. The Waste Water Assessment team was informed by the facility operator that the facility has permanent power. The facility has resumed normal operations, is fully operational and not bypassing any treatment. Prior to restoration of permanent power, the facility was operating off of a back-up diesel generator. The operator reported that the facility had major flooding as a result of the storm which had caused damage to certain electrical equipment. The facility was working to clean-up the plant and restore the facility to pre-storm conditions. No EPA assistance is required at this time.

#### **Atlantic County Utilities Authority (ACUA) – (Atlantic City, Atlantic County, NJ)**

On 8 November, 2012 the Water Assessment Team was deployed to the Atlantic County Utility Authority (ACUA) facility in Atlantic City to assess the operational condition of the facility. The Water Assessment team reported that there was no structural damage to the plant and the collection system was fully operational, with full treatment of waste occurring. The facility also reported that they currently have all pump stations fully operational and there were no current outfall issues. The facility reported that two of the nineteen pump stations were flooded during the October storm event. The flooding of these two pump stations resulted in a sewage discharge. This discharge was reported by the facility to the NJDEP. The facility has permanent power, adequate backup generators and appears well equipped for future storms. No further EPA assistance is currently required.

#### **Hammonton Waste Water Treatment Plant Facility – (Hammonton, Atlantic County, NJ)**

On 8 November, 2012 the Water Assessment Team was deployed to the Hammonton Waste Water Treatment Plant Facility in Hammonton to assess the operational condition of the facility. The Water Assessment team reported that there was no structural damage to the plant and the collection system was fully operational, with full treatment of waste occurring. The facility also reported that they currently have all pump stations fully operational and there were no current outfall issues. The facility has permanent power, adequate backup generators and appears well equipped for future storms. No further EPA assistance is currently required.

#### Long Branch Sewage Authority – (Long Branch, Monmouth County, NJ)

On 8 November, 2012 the Water Assessment Team was deployed to the Long Branch Sewage Authority in Long Branch to assess the operational condition of the facility. The Water Assessment team met with the Operations Superintendent and Executive Director. The facility is fully operational and not bypassing any treatment. Permanent power was restored to the facility on 6 November, 2012. When the facility lost power they were able to maintain operations through the use of a back-up generator. The electrical system did experience damage as a result of the flooding from the October 2012 storm event. The facility brought in backup pumps which assisted the facility in resuming normal operations. The facility is currently working to repair damaged electrical systems and estimates it will take approximately one-month to restore the facility to pre-storm conditions.

#### Middlesex County Utility Authority

A Water Assessment Team continues to provide support to MCUA. Coordination and communication has been occurring throughout the day with EPA, DEP, dive specialists, MCUA engineers, USCOE, OSHA SERAS, ERRS, USAR and others regarding the dive operations. The focus of today's work has been generating the conceptual work plan for the next stage of dive operations that will occur at the Sayreville Pumping Station. The purpose of the dive is to complete the installation of a sluice gate. Finishing the installation of the sluice gate will allow the pumping station to further achieve full working capacity and return to normal working capacity in a timelier manner. The second dive is scheduled to commence on 9 November, 2012.

The team has determined that prior to commencement of the next stage of dive operations; an assessment will be done to see if there was any damage to the rigging or the sluice gate from the winter storm system that came through since the first dive. If the gate or its bolts are not significantly damaged, they will be kept in the water to utilize for completion of the installation. If there is any damage, the gate will be removed.

The divers will practice the methodology specified in the final work plan to assure that the divers are comfortable with the procedures and there is little risk of error once the diver is in the water. All installation options will be practiced outside of the water on dry land.

There are currently four options that are being considered for completing the mission of plugging the opening. Three of these options involve finishing the installation of the sluice gate that began during the first dive operation. The variations in these options deal with methodology of aligning and supporting the gate into the preexisting structural framework that would allow the gate to be secured into place, and variations of how to best secure the gate to the wall.

The fourth option entails removing the gate and installing a metal plate that will cover the opening. This will allow the MCUA to pump out any remaining storm surge water that still exists within the structure. Once that fluid is pumped out, MCUA will then be able to re-install the sluice gate without being impeded by low visibility conditions or working in a submerged environment. This option would be utilized if the gate and bolts were damaged from the winter storm system that came through after the first dive, or progress was not being made during the implementation of the other above-specified options. The plate is currently being designed and constructed on-site while the work plan is being finalized to prevent any significant delays if this option is necessary.

The draft conceptual work plan was presented to the key personnel involved in the installation of the gate (dive team and MCUA). The plan was modified to include their feedback to assure the work plan is feasible for all involved parties and that the alternatives are adequately designed to meet the mission goal of closing the current opening. The execution of the second dive can span over multiple days if the practice or preparation timing runs long. This is acceptable as the goal is to complete the installation in the safest manner possible.

An amended health and safety plan is being written by EPA ERT and USACE that will apply for all subcontractors that will follow all corrective actions identified from the initial diving operation. The crane crew from the initial dive has been secured for the 9 November, 2012 dive.

#### Passaic Valley Sewerage Commission

A Water Assessment Team continued to provide support during the 8 November, 2012 operational period to the PVSC recovery operations. Meetings occurred throughout the day with the EPA, DEP, PVSC, COE and others with the primary goals of site cleanup and returning the water treatment plant to full operational capacity.

The major issue facing the facility remains how to address the necessary dewatering and disposal of approximately 4 million gallons of primary sludge generated per day. Additionally, due to nitrification caused by the long term storage of primary sludge, PVSC's effluent quality (total suspended solids) had been adversely impacted. This effluent flows into New York Harbor.

PVSC has finalized their contract with a supplier for the mobilization of ten mobile centrifugal dewatering units. The mobile units are scheduled to be mobilized in stages and be operational during the week of November 12<sup>th</sup>.

EPA, Army Corp of Engineers, NJDEP and PVSC had a conference call to determine the most appropriate course of action for odor control during centrifugal dewatering operations. EPA will be tasking EPA-ERT with assistance in air monitoring during these operations.

EPA, Army Corp of Engineers and PVSC continue to coordinate FEMA assistance requests for mobilization of portable centrifugal

dewatering systems, restart of inoperable PVSC centrifugal dewatering systems, and provision of consultants for evaluating PVSC infrastructure (i.e. pumps, motors, etc.). With EPA's assistance, FEMA is mobilizing personnel to the PVSC facility to assist in the documentation for reimbursement of damages incurred during the hurricane.

ERRS has mobilized power washing equipment to the facility to augment PVSCs cleanout of the impacted tunnels and basements. ERRS' power washing operations are anticipated to begin tomorrow, November 9, 2012 in the basement of the sludge heat treatment facility.

ERRS will begin power-washing the basement of the sludge heat treatment facility. EPA will continue multi-agency coordination (NJDEP, COEs, PVSC, and FEMA) for odor control and regulatory relief on the landfill acceptance of the centrifugally solidified sludge. PVSC has requested possible assistance for laboratory services pending re-start of the on-site PVSC laboratory.

Drinking Water – New Jersey – Current as of 11/8			Population Served
Total # Facilities – Community = 612			9,000,000
EPA Assessed (cumulative) = 17			458,450
Total Currently Needing Assistance* = 48			1,474,909
<b>Operational = 38</b>			1,406,141
On Grid = 0	Generator = 27	Gravity Fed = 0	
Boil Water Advisories = 11**			9,899
Do Not Use = 0 identified today			0
<b>Non-Operational = 10</b>			68,768
Flooded = not identified		Power Loss = 10	
Wastewater Treatment Systems–New Jersey–Current as of 11/8			Population Served
Total # Facilities = 179			
EPA Assessed (cumulative) = 15			n/a
Total Currently Impacted = 26			n/a
<b>Operational = 25</b>			n/a
On Grid = 0	Generator = 25		
Bypassing or not providing full secondary treatment = 4			n/a
<b>Non-Operational = 1</b>			n/a
Flooded = 0	Power Loss = 1		

\* "Total Currently Needing Assistance" is determined by the state, the facility or the OSC.

\*\*Facilities with Boil Water or Do Not Use Advisories are operational, but the source of power is unknown.

#### Region 2 Input to EOC Water Desk - November 8, 2012 – 6:00 p.m.

##### New York

##### Drinking Water Assessments

No drinking water facilities were assessed during this operational period.

##### Wastewater Treatment Plants Assessments

No wastewater treatment plant assessments were conducted during this operational period.

Drinking Water - New York State – Current as of 11/8			Population Served
Total # Facilities (Declared Counties) Community = 191			12,000,000
EPA Assessed (cumulative) = 30			277,675
Total Currently Needing Assistance* = 53			59,328
Operational = 34			56,410
On Grid = 0	Generator = 2	Gravity Fed = 0	
Boil Water Advisories = 28**			16,078
Do Not Use = 3**			37,040
Non-Operational = 19			2,918
Flooded = 3		Power Loss = 16	
Wastewater Treatment Systems – New York State			Population Served
Current as of 11/8			
Total # Facilities (Declared Counties) = 83			
EPA Assessed (cumulative) = 12			n/a
Total Currently Impacted = 17			n/a
Operational = 17			n/a
On Grid = 1	Generator = 16		
Bypassing or not providing full secondary treatment = 9			n/a
Non-Operational = 0			n/a

Flooded = 0

Power Loss = 0

**ADDITIONAL INFORMATION**WEBSITE: <http://www.epaosc.org/HurricaneSandy>**INSTRUCTIONS FOR EPAOSC.NET:**

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: [www.epaosc.net](http://www.epaosc.net), click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

**FlexViewer :**WEBSITE: [http://www.epa.gov/geospatial/ermaps/Region2\\_HurricaneSandy/](http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/)

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

**EPA Edison REOC**

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Commander (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Commander (DRIC) for NY, Anne Kelly	212-637-4397
Regional Incident Commander (RIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Commander (DRIC) for NJ, Laura Casillas	215-779-4898

**FEMA IMAT (Albany), Michael Solecki, OSC**

908-420-4501

NJ EOC (Trenton), Carl Pellegrino, OSC	908- 420-4491
FEMA RRCC(Colts Neck), Steve Touw, OSC	908-420-4458
NYC OEM (Brooklyn), Margaret Chong, OSC	908-420-4477
UC USCG (Staten Island), Ellen Banner	908-420-4462

**REPORTING SCHEDULE**

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

**7. Situational Reference Materials**

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at [www.epaosc.org/HurricaneSandy](http://www.epaosc.org/HurricaneSandy).